DEC 11 2000

K002395

510(k) Summary

1.0 Submitter (Contact)

Diana Preston
Medtronic Xomed Surgical Products, Solan Division
6743 Southpoint Drive North
Jacksonville, FL 32216
(904) 279-7532

2.0 Device Name

Proprietary Name: Model 30 Classic ™ Pneumatonometer

Common Name(s): Pneumatonometer

Classification Name: Tonometer, AC Powered

3.0 Device Classification: HKX (21 CFR 886.1930) Class II

4.0 Device Description

The Pneumatonometer measures IOP by applanation tonometry. Three operating modes may be utilized to obtain data; manual tonometry, pulse tonometry or the tonography option that calculates a C value (aqueous outflow coefficient)

The Pneumatonometer probe, used to take the measurement has a pneumatic sensor that gently touches the surface of the cornea with the applanating force required to take a tonometry measurement.

5.0 Intended Use

The Model 30 Classic Pneumatonometer is intended for the measurement of intraocular pressure. The Model 30 Classic Pneumatonometer is indicated for use as a screening / monitoring tool for glaucoma or when increased intraocular pressure is suspected.

6.0 Substantial Equivalence

The Model 30 Classic is considered substantially equivalent to the predicate devices designed and submitted by BioRad and Marketed by Mentor Ophthalmics. The Digilab Modular One Applanation Tonometer, K863217, 9/24/86, and the Digilab Micro One Applanation Tonometer, K870121, 2/20/87.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

DEC 11 2000

Diana Preston Taylor
Medtronic Xomed
6743 Southpoint Dr. N.
Jacksonville, FL 32216-0980

Re: K002395
Trade Name: Model 30 Classic™ Pneumatonomter
Regulatory Class: II
Product Code: 86 HKX
Regulation: 886.1930
Dated: November 9, 2000
Received: November 13, 2000

Dear Ms. Taylor:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic (QS) inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-6413. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "http://www.fda.gov/cdrh/dsma/dsmamain.html".

Sincerely yours,

A. Ralph Rosenthal

A. Ralph Rosenthal, M.D.
Director
Division of Ophthalmic and Ear,
Nose and Throat Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

K002395/S1

510(k) Number K002395

Device Name: Model 30 Classic Pneumatonometer

Indications for Use:

The Model 30 Classic Pneumatonometer is intended for the measurement of intraocular pressure. The Model 30 Classic Pneumatonometer is indicated for use as a screening / monitoring tool for glaucoma or when increased intraocular pressure is suspected.

(Division Sign-Off)
Division of Ophthalmic Devices
510(k) Number K002395

(Please do not write below this line - continue on another page if needed)
Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use _____ Or Over-the-Counter Use
(Per 21 CFR 801.109)

(Optional Format 1-2-96)